

For Research Use Only

# DPYD Polyclonal antibody

Catalog Number: 25690-1-AP



## Basic Information

<b>Catalog Number:</b> 25690-1-AP	<b>GenBank Accession Number:</b> BC008379	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 1806	<b>Recommended Dilutions:</b> WB 1:1000-1:6000
<b>Source:</b> Rabbit	<b>Full Name:</b> dihydropyrimidine dehydrogenase	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 1025 aa, 111 kDa	
<b>Immunogen Catalog Number:</b> AG20885	<b>Observed MW:</b> 111 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : mouse liver tissue,
<b>Species Specificity:</b> mouse	

## Background Information

The protein encoded by this gene is a pyrimidine catabolic enzyme and the initial and rate-limiting factor in the pathway of uracil and thymidine catabolism. Mutations in this gene result in dihydropyrimidine dehydrogenase deficiency, an error in pyrimidine metabolism associated with thymine-uraciluria and an increased risk of toxicity in cancer patients receiving 5-fluorouracil chemotherapy.

## Storage

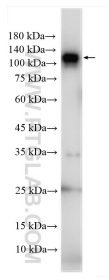
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)      E: proteintech@ptglab.com  
W: ptglab.com

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## Selected Validation Data



mouse liver tissue were subjected to SDS PAGE followed by western blot with 25690-1-AP (DPYD antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.